MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

September 25, 2023

At approximately 8:17 a.m. Director Freshley called the Engineering Committee meeting to order.

Committee Members KAY HAVENS, KATHRYN FRESHLEY, MIKE GASKINS, and MARK MONIN participated.

Also participating were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, HANNAH FORD, Engineering Manager, GILBERT J. GRANITO, General Counsel, VISHAV SHARMA, CFO, SCOTT HOPKINS, Operations Superintendent, CAROL MOORE, Laguna Woods City Council member (Zoom), and POLLY WELSCH, Recording Secretary.

Consent Calendar

Director Freshley asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins to approve the Consent Calendar.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
President Havens	aye

Engineering Action Items

Aliso Creek Lift Station Improvements Project – Alternatives Analysis

Ms. Ford stated that staff started an in-house design Project to replace the generator at the Aliso Creek Lift Station, and as the Project progressed, scope

expanded to address additional operator concerns, such as modifying the site to allow vactor truck access and improving the pumps that are not operating at their rated capacity.

Ms. Ford stated that staff solicited six consultants, and five showed up for the mandatory pre-proposal meeting, with three ultimately submitting proposals. She further stated that after reviewing the proposals and conducting interviews with two shortlisted consultants, staff decided to recommend issuing the contract to Tetra Tech in the amount of $120,000.00 which will include an evaluation of three different alternatives for the lift station.

Director Freshley asked for a Motion.

Motion: President Havens made a Motion, seconded by Director Gaskins to authorize the General Manager to issue a contract to Tetra Tech in the amount of $120,000.00 for engineering services to develop the Alternatives Analysis for the Aliso Creek Lift Station Improvements Project.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
President Havens	aye

R-6 Reservoir Perimeter Road Repair Project

Ms. Ford stated that final design is complete and staff recommends replacing the entire perimeter road with a new 4-inch section of asphaltic concrete over 8-inches of aggregate base. She further stated that staff solicited bids from four contractors.

Ms. Ford stated that staff is recommending issuing a contract to Pave West in the amount of $1,031,648 for construction of the perimeter road repair, and a contract to

GMU Engineers and Geologists in the amount of $34,663 for Material Observation and Testing Services during construction.

Director Freshley asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by President Havens to authorize the General Manager to 1) issue a contract to Pave West in the amount of $1,031,648 for construction of the perimeter road repair around the R-6 Reservoir, and 2) issue a contract to GMU Engineers & Geologists in the amount of $34,663 for Material Observation and Testing Services during construction.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
President Havens	aye

R-6 Reservoir Security System Replacement Project

Mr. Cafferty stated that staff is proposing the procurement and installation of a state-of-the-art security system to safeguard the Reservoir. He further stated that Convergint would monitor the alarm system.

Mr. Cafferty stated that staff will need to install a pole which staff will receive competing bids for the installation and should be within the General Manager's authority.

Director Freshley asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins to authorize the General Manager to issue a contract to Convergint in the amount of $89,234.00 for the installation of a security system at the R-6 Reservoir.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
President Havens	aye

Lead and Copper Rule Revisions Compliance

Mr. Cafferty stated that the purpose of these revisions is to eliminate lead service lines in the country. He further stated that staff will have to do an inventory of all service pipelines in our system to identify material and replace any lead or galvanized that has been connected to lead.

Mr. Cafferty stated that MWDOC is issuing a contract to Hazen and Sawyer for the participating agencies to cost share engineering services. The effort will take place in three phases. Staff are recommending entering into the agreement with MWDOC for Phase 1 to develop the inventory.

Director Freshley asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Director Monin to authorize the General Manager to enter into a cost sharing agreement with the Municipal Water District of Orange County in an amount Not to Exceed $100,000 for phase 1 engineering services from Hazen and Sawyer as part of its Lead and Copper Rules Revision compliance assistance program.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
President Havens	aye

Resolution No. 23-9-1 Adopting the 2023 Update to the District's Local CEQA Guidelines

Mr. Cafferty stated that most of the changes that have occurred do not pertain to projects that the District is working on. He further stated that having these guidelines allows us to directly communicate their requirements to our contractors and take advantage of exemptions where they exist.

Director Freshley asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins to adopt Resolution No. 23-9-1 approving the 2023 update to the District's Local California Environmental Quality Act (CEQA) Guidelines.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
President Havens	aye

Engineering Information Items

Water and Sewer Master Plan Update

Ms. Ford provided a status update outlining the key outcomes of the Water and Sewer Master Plan.

Director Freshley suggested that this topic would be a good presentation to show at a future CAG meeting.

Capital Projects Status Report

R-6 Reservoir Floating Cover and Liner Replacement Project

Ms. Ford stated that staff were able to assist in the inflation inspection of the underside of the cover and the burn area to confirm adequate cleaning took place. She

further stated that the cords for the valve open/close switches for the underwater valves have now been received.

Ms. Ford stated that the fill process is underway.

Effluent Transmission Main (ETM) Backflow Prevention Project

Ms. Ford stated that the Project is essentially complete and will be closed out upon receipt of the missing pipe support.

Effluent Pump Station Rehabilitation Project

Ms. Ford stated that this Project is almost complete. She further stated that during pump installation there were two locations where the pipe flange broke, and Filanc provided flange adapters and fixed the problem.

Ms. Ford stated that staff expects a final invoice by the end of September.

Mathis Lift Station Inlet Repair

Ms. Ford stated that an alternative design is being developed to reduce the cost of the originally conceived project with two new manholes. The value engineered design will involve a drop inlet section within the wet well and is under development by in-house staff.

New Warehouse

Ms. Ford stated that the contractor has mobilized to the Project site and is working on submittals for the metal building. She further stated that the long lead times for the electrical components delivery are anticipated to be December 2024.

Asset Management

Ms. Ford stated that staff held kickoff meetings, staff interviews, and condition assessments at the WRP, and next Hazen will develop consequence of failure scoring to factor in each assets risk score.

Ms. Ford stated that Hazen transferred the dashboards to the District's network for hosting and now the District can make edits and updates.

System Wide Arc Flash and Coordination Study

Ms. Ford stated that staff had a kickoff meeting with the consultant, Hazen and Sawyer, plans to request data from SCE, and is in the process of scheduling site visits with Hazen at each facility.

Tertiary Disinfection Optimization Project

Ms. Ford stated that Trussell kicked off the tracer study effort with a site visit to the WRP last month, and they are working on a draft tracer study protocol.

Engineering Items Discussed at Various Conferences and Meetings

There were no comments.

Comments Regarding Non-Agenda Engineering Committee Items

Director Freshley provided a report from the ACWA Energy Committee meeting.

Mr. Cafferty congratulated and thanked staff for extra efforts to complete the Board package ahead of schedule this month. Mr. Cafferty stated that the quarterly audits are complete and the annual audit is near completion and will be presented to the Board in October or November. Mr. Cafferty further stated that staff will be conducting the annual open enrollment meeting for the health care insurance on Wednesday, September 27.

Adjournment

There being no further business, the Engineering Committee meeting was adjourned at approximately 9:45 a.m.

Attorney Report

Mr. Granito report that there is no need for a Closed Session today and as such, Regular Session resumed.

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:48 a.m.

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

KAY HAVENS, President
of the El Toro Water District and the
Board of Directors thereof

DENNIS P. CAFFERTY, Secretary
of the El Toro Water District and the
Board of Directors thereof